

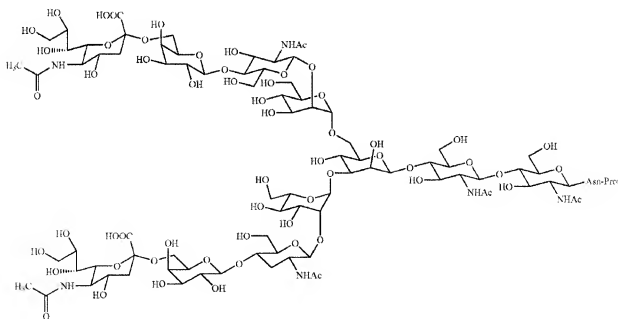
LISTING OF THE CLAIMS

No amendment is made to the claims. The claims are listed here for Examiner's convenience.

1. (Previously Presented) A process for preparing asparagine-linked oligosaccharide derivatives comprising the steps of:
 - (a) treating a delipidated egg yolk with orientase to obtain a mixture of peptide-linked oligosaccharides;
 - (b) treating the mixture of peptide-linked oligosaccharides with actinase to obtain a mixture of asparagine-linked oligosaccharides;
 - (c) introducing a lipophilic protective group into the asparagine-linked oligosaccharides in the mixture to obtain a mixture of asparagine-linked oligosaccharide derivatives; and
 - (d) subjecting the mixture of asparagine-linked oligosaccharide derivatives to a fractionating chromatography using a reverse phase column to separate the mixture into individual asparagine-linked oligosaccharide derivatives.
2. (Previously Presented) The process for preparing asparagine-linked oligosaccharide derivatives as defined in claim 1 wherein the delipidated egg yolk is obtained by delipidating an avian egg yolk with an organic solvent.

3. (Previously Presented) The process for preparing asparagine-linked oligosaccharide derivatives as defined in claim 1 wherein the asparagine-linked oligosaccharide derivatives are asparagine-linked undeca- to penta-saccharide derivatives.
4. (Previously Presented) The process for preparing asparagine-linked oligosaccharide derivatives as defined in claim 3 wherein the asparagine-linked oligosaccharide derivatives are asparagine-linked undeca- to hepta-saccharide derivatives.
5. (Previously Presented) The process for preparing asparagine-linked oligosaccharide derivatives as defined in claim 4 wherein the asparagine-linked oligosaccharide derivatives are asparagine-linked undeca- to nona-saccharide derivatives.
6. (Previously Presented) The process for preparing asparagine-linked oligosaccharide derivatives as defined in claim 5 wherein the asparagine-linked oligosaccharide derivatives are asparagine-linked undecasaccharide derivatives.
7. (Previously Presented) The process for preparing asparagine-linked oligosaccharide derivatives as defined in claim 1 wherein the lipophilic protective group is a carbonate-containing group or acyl group.
8. (Previously Presented) The process for preparing asparagine-linked oligosaccharide derivatives as defined in claim 7 wherein the lipophilic protective group is a carbonate-containing group.
9. (Previously Presented) The process for preparing asparagine-linked oligosaccharide derivatives as defined in claim 1 wherein the lipophilic protective group is Fmoc group or Boc group.

10. (Previously Presented) The process for preparing asparagine-linked oligosaccharide derivatives as defined in claim 9 wherein the lipophilic protective group is Fmoc group.
11. (Previously Presented) The process for preparing asparagine-linked oligosaccharide derivatives as defined in claim 1 wherein the asparagine-linked oligosaccharides contained in the mixture of asparagine-linked oligosaccharides obtained by the step (b) are hydrolyzed before the subsequent step to cut off some sugar moieties.
12. (Previously Presented) The process for preparing asparagine-linked oligosaccharide derivatives as defined in claim 1 wherein the asparagine-linked oligosaccharide derivatives contained in the mixture of asparagine-linked oligosaccharide derivatives obtained by the step (c) are hydrolyzed before the subsequent step to cut off some sugar moieties.
13. (Previously Presented) The process of claim 1, wherein the asparagine-linked oligosaccharide derivatives have the following formula:



wherein Prot is a lipophilic protective group, Asn is an asparagine, and Ac is an acetyl group.

14. (Previously Presented) A process for preparing asparagine-linked oligosaccharide derivatives, comprising the steps of:

- (a) treating a delipidated egg yolk with a protease to obtain a mixture of peptide-linked oligosaccharides;
- (b) isolating the mixture of peptide-linked oligosaccharides;
- (c) treating the isolated mixture of peptide-linked oligosaccharides with a peptidase to obtain a mixture of asparagine-linked oligosaccharides; and
- (d) introducing a lipophilic protective group into the asparagine-linked oligosaccharides in the mixture to obtain a mixture of asparagine-linked oligosaccharide derivatives.

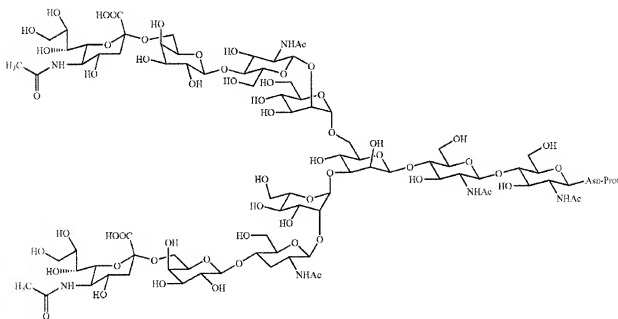
15. (Previously Presented) The process of claim 14, further comprising the step of:

- (e) subjecting the mixture of asparagine-linked oligosaccharide derivatives to a fractionating chromatography using a reverse phase column to separate the mixture into individual asparagine-linked oligosaccharide derivatives.

16. (Previously Presented) The process of claim 14, wherein the asparagine-linked oligosaccharide derivatives are asparagine-linked undeca- to penta-saccharide derivatives.

17. (Previously Presented) The process of claim 16, wherein the asparagine-linked oligosaccharide derivatives are asparagine-linked undeca- to hepta-saccharide derivatives.

18. (Previously Presented) The process of claim 17, wherein the asparagine-linked oligosaccharide derivatives are asparagine-linked undeca- to nona-saccharide derivatives.
19. (Previously Presented) The process of claim 18, wherein the asparagine-linked oligosaccharide derivatives are asparagine-linked undecasaccharide derivatives.
20. (Previously Presented) The process of claim 19, wherein the asparagine-linked oligosaccharide derivatives have the following formula:



wherein Prot is a lipophilic protective group, Asn is an asparagine, and Ac is an acetyl group.